从航海图到世界史

海上道路 改变历史

海図の世界史
「海上の道」が歴史を変えた

[日] 宫崎正胜 著 朱悦玮 译

中信出版集团

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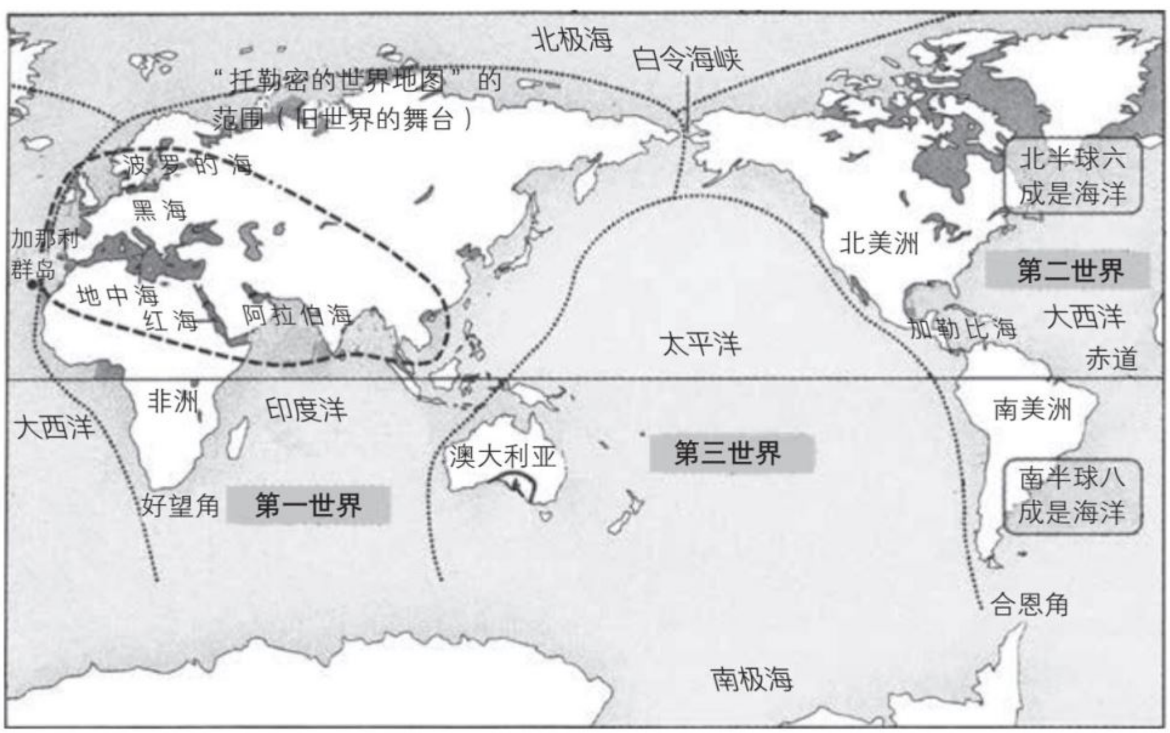
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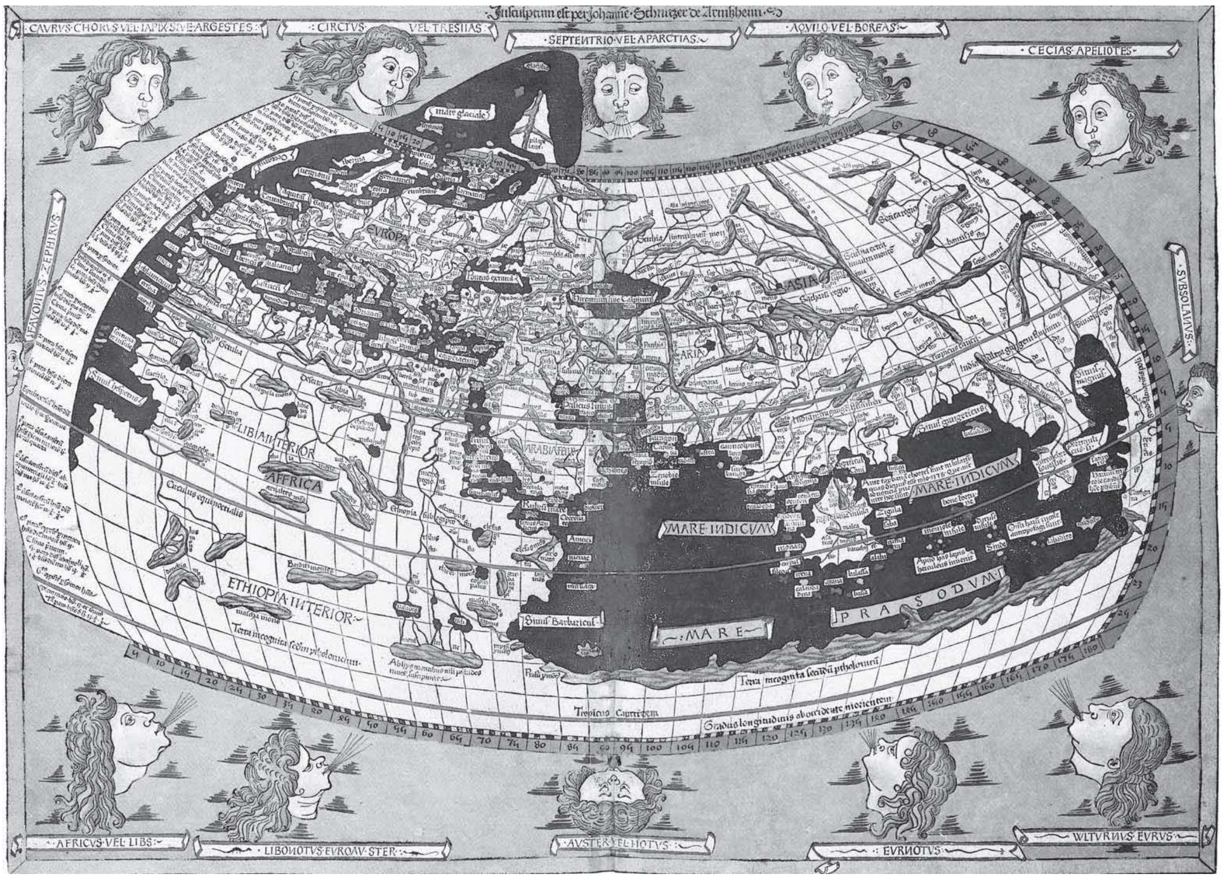
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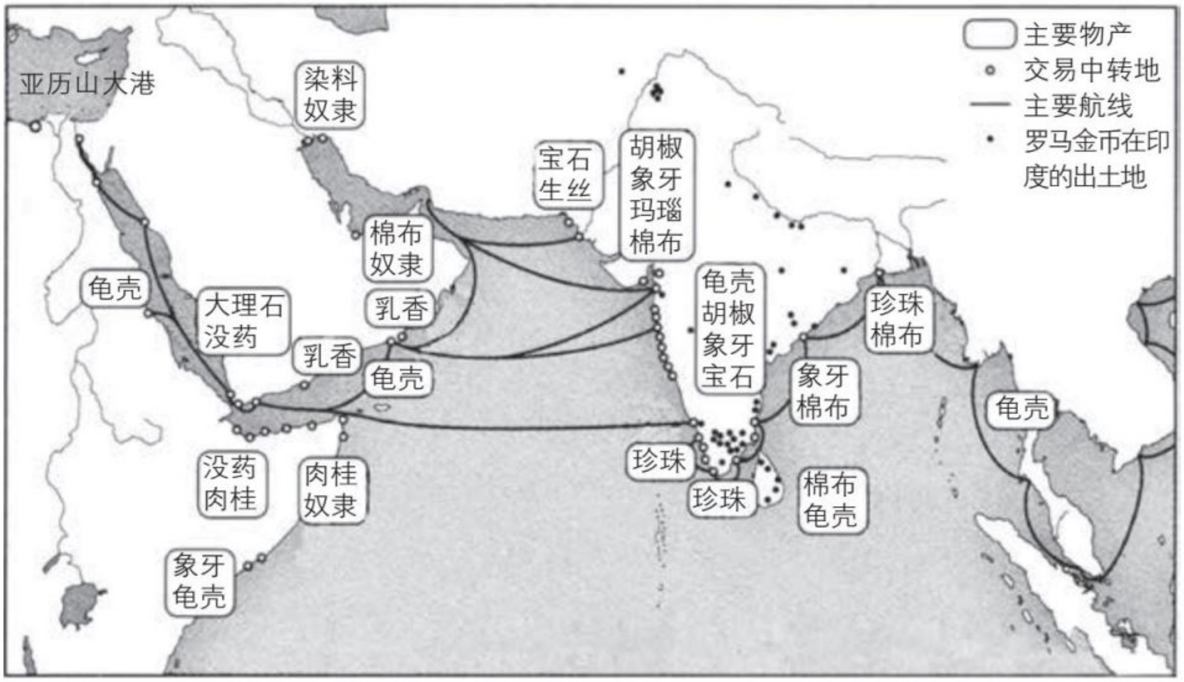
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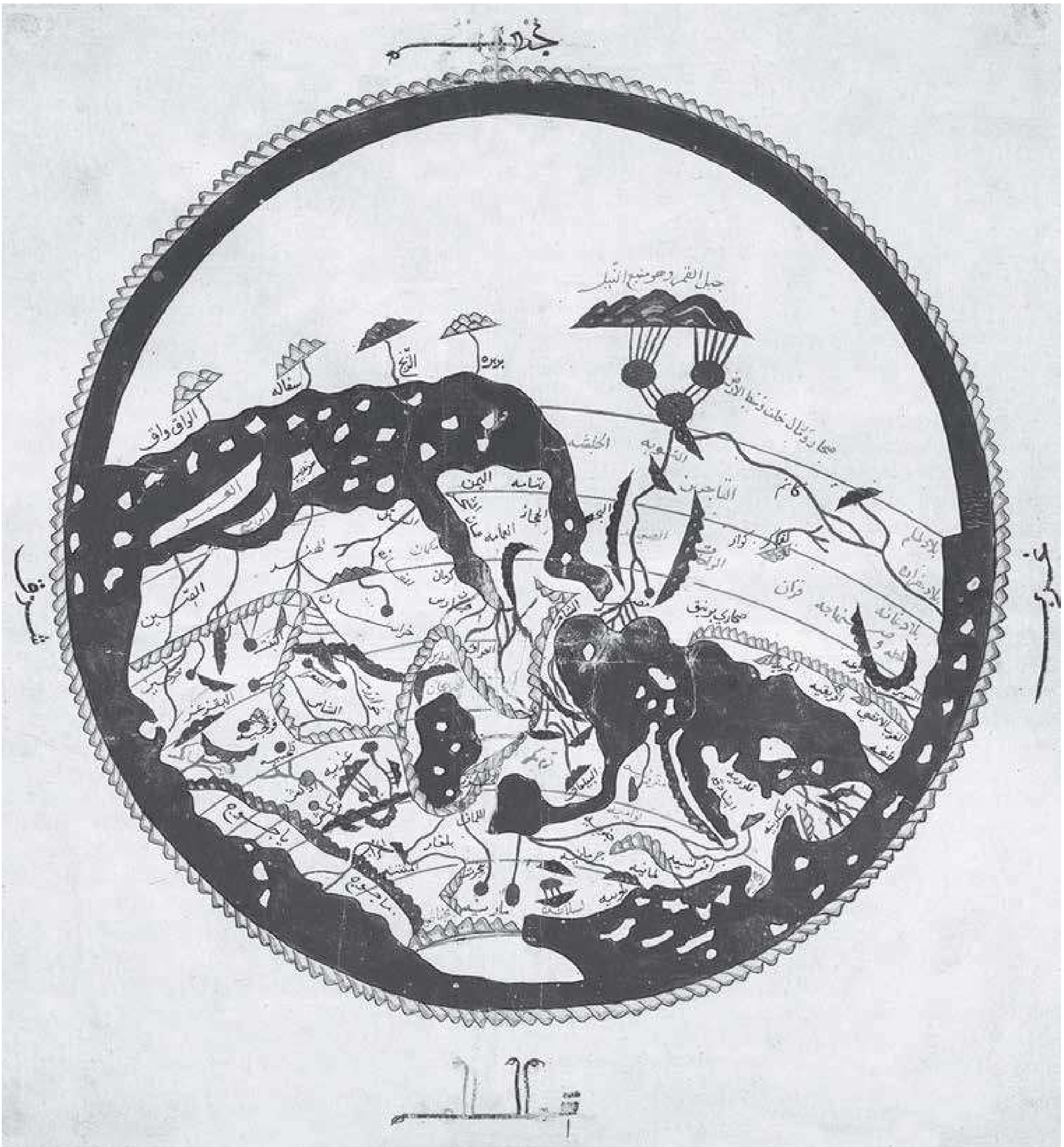
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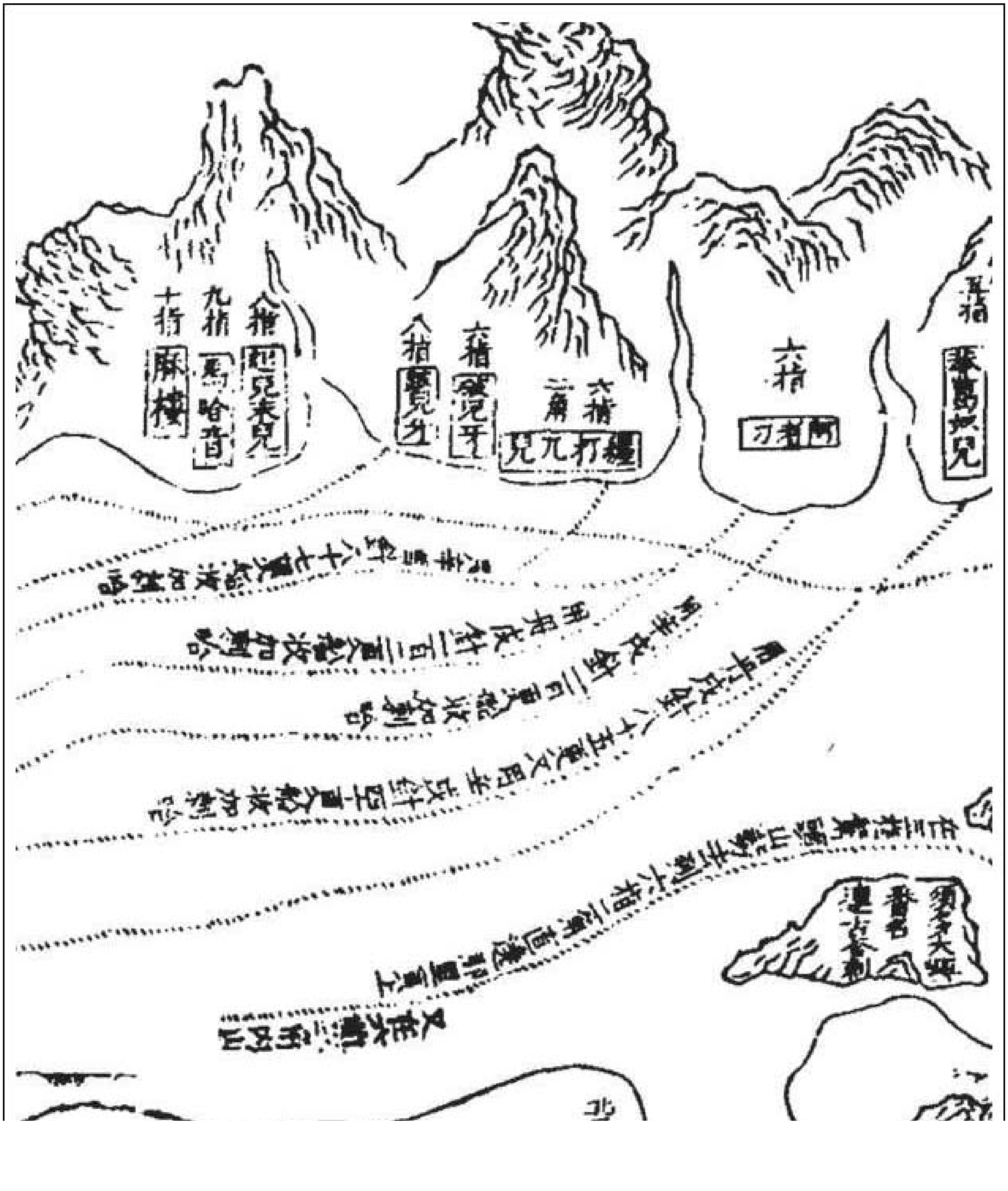
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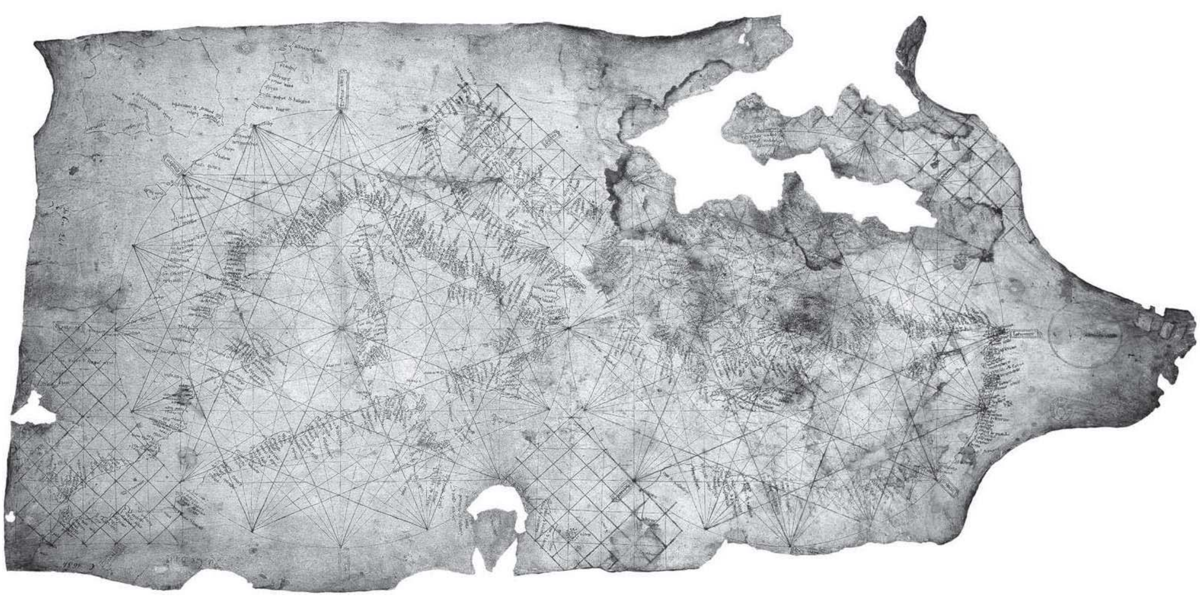
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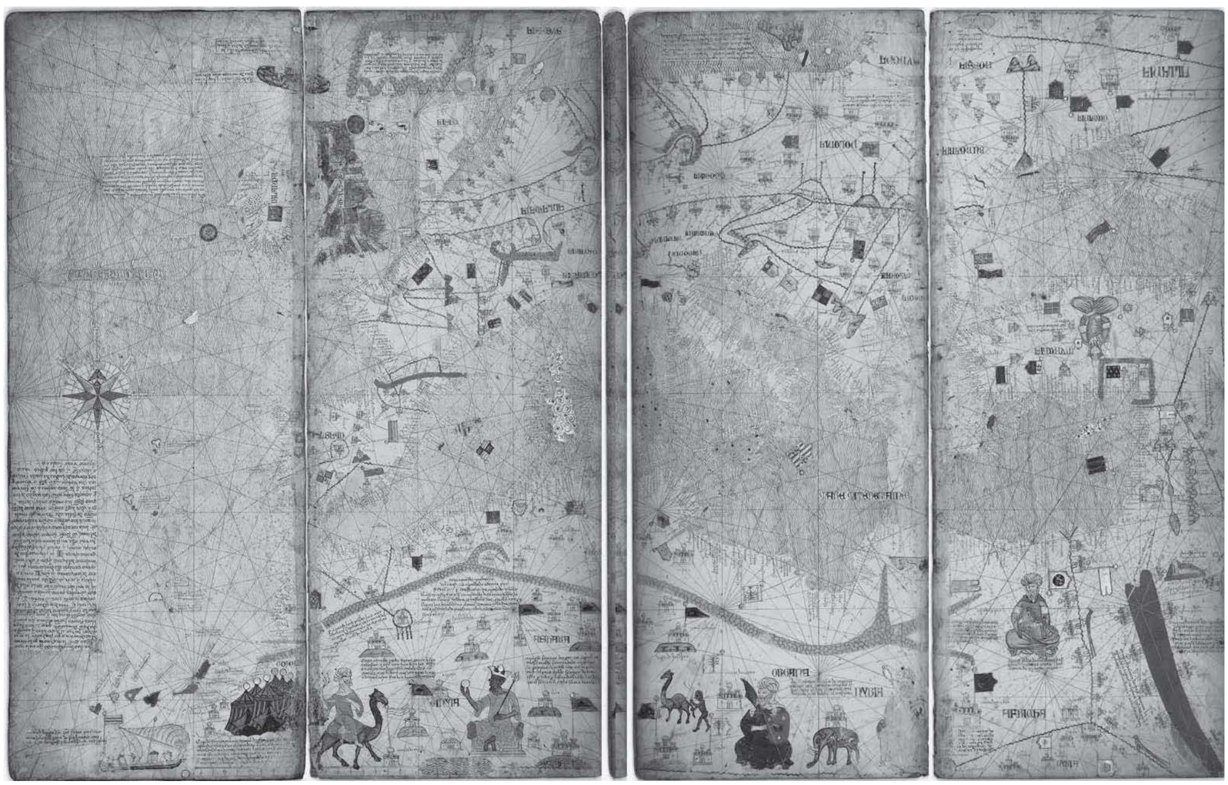
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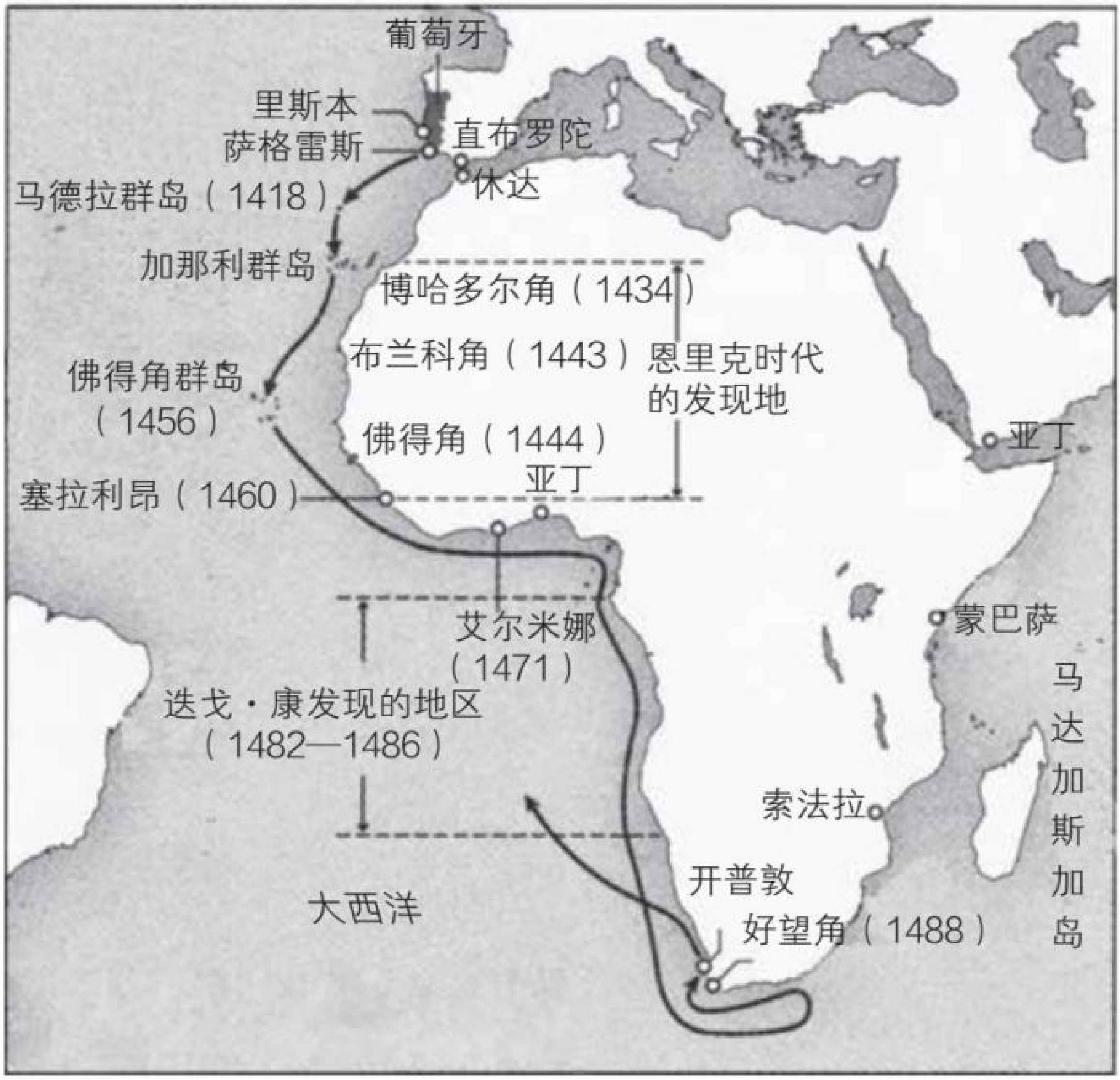
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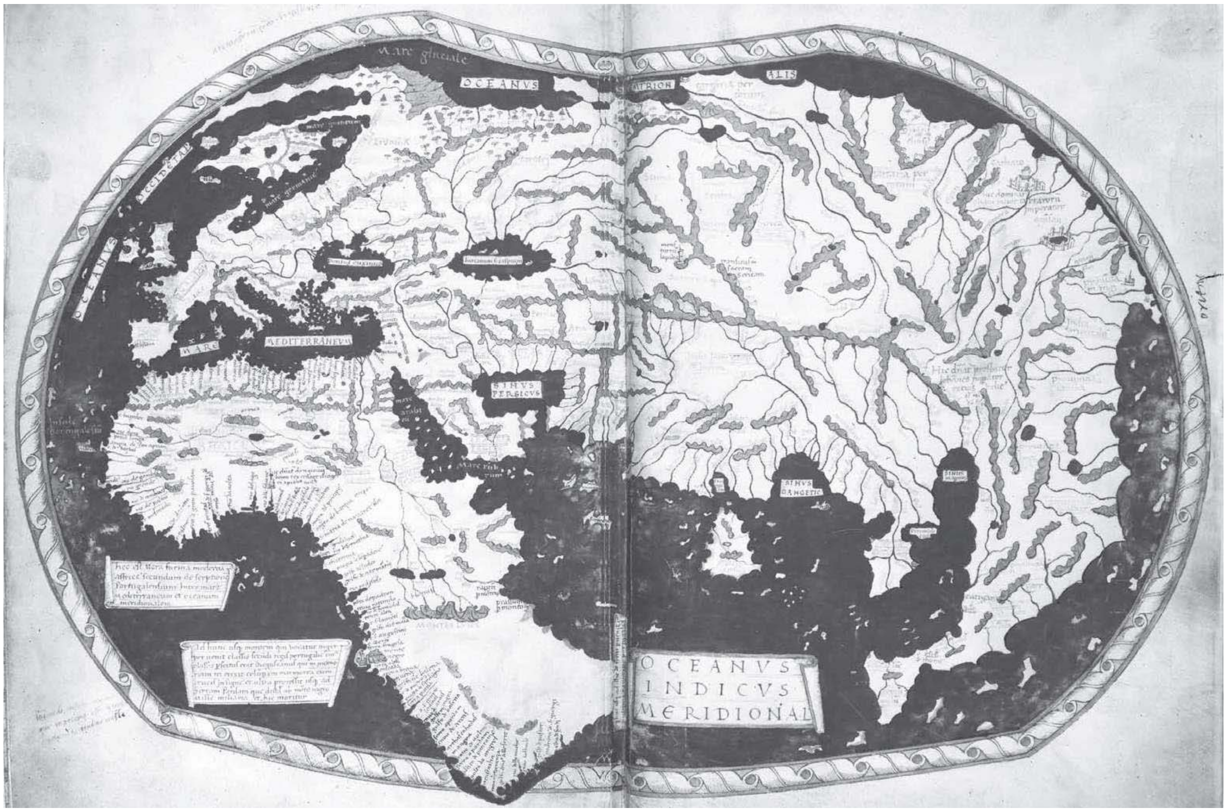
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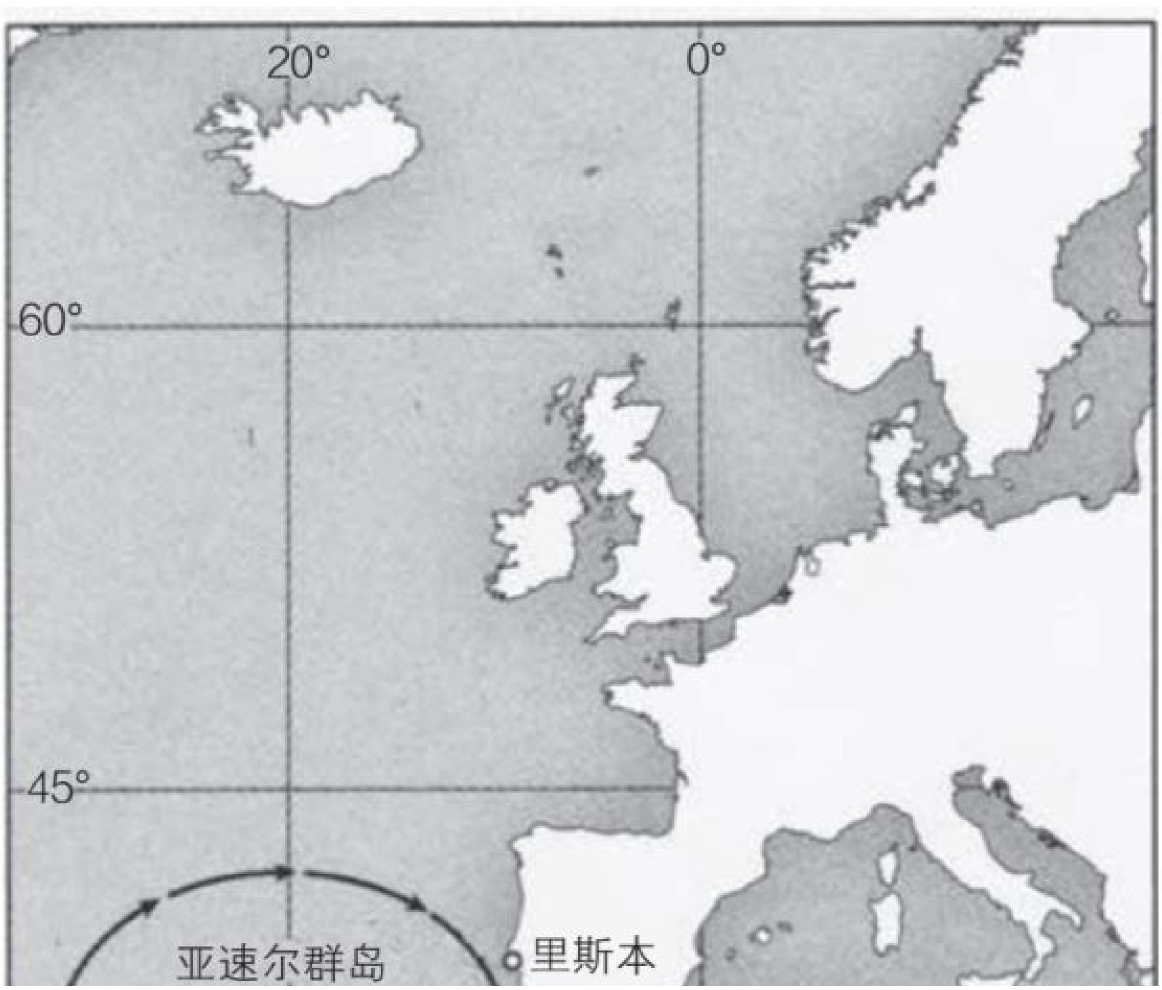
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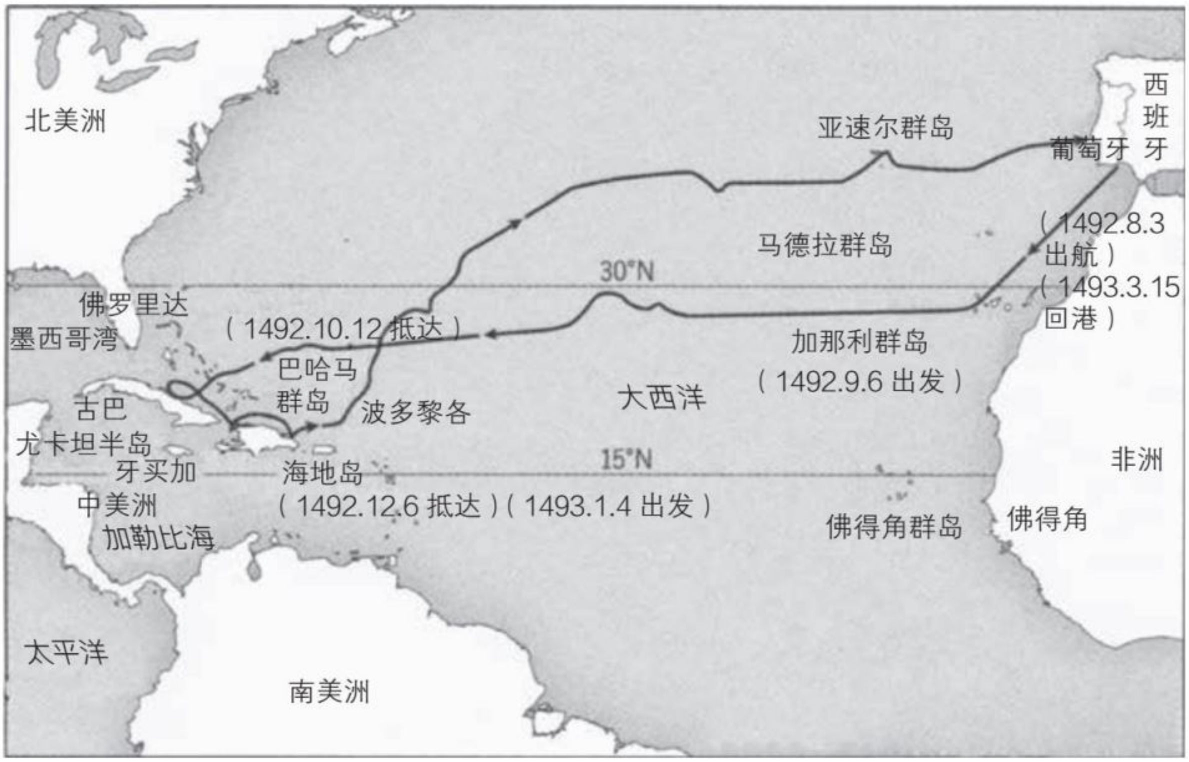
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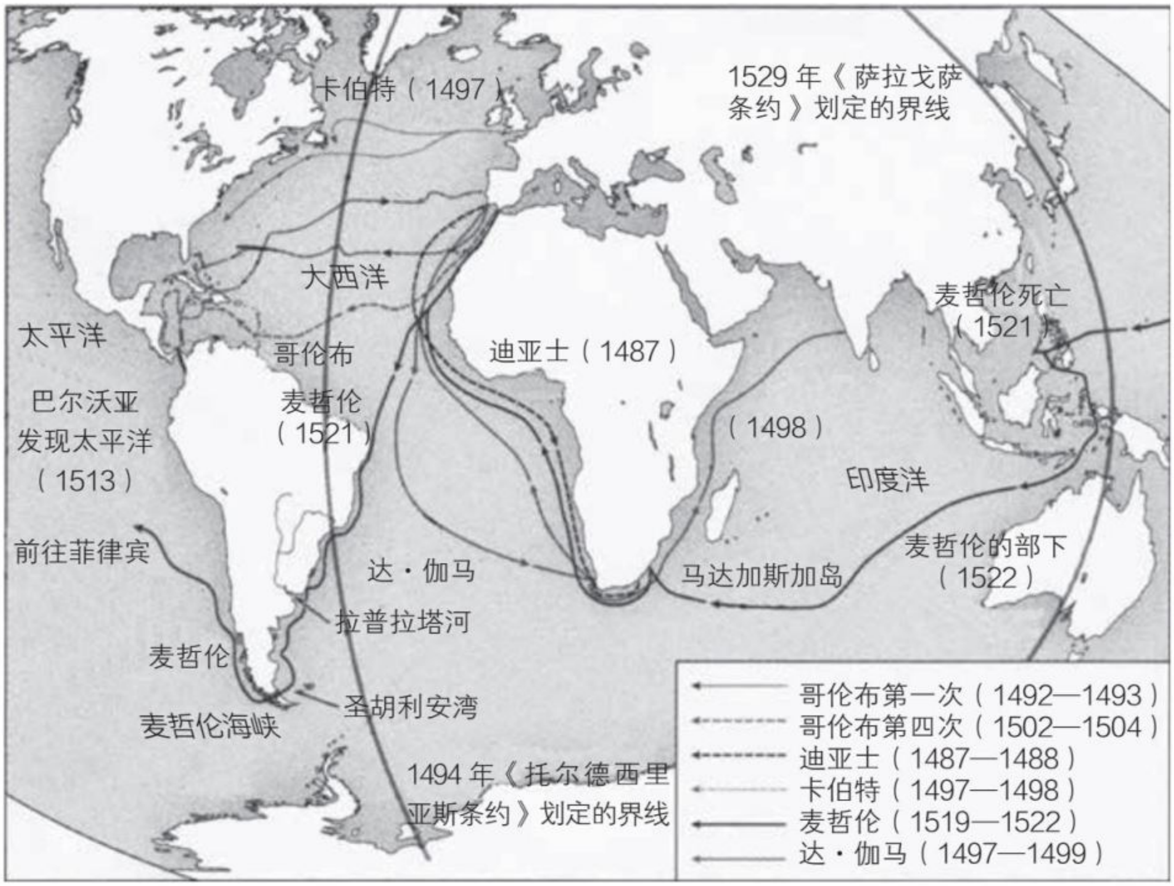
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麦哲伦的部下（1522）
拉普拉塔河
麦哲伦
圣胡利安湾
麦哲伦海峡
1494 年《托尔德西里亚斯条约》划定的界线
哥伦布第一次（1492—1493）
哥伦布第四次（1502—1504）
迪亚士（1487—1488）
卡伯特（1497—1498）
麦哲伦（1519—1522）
达·伽马（1497—1499）

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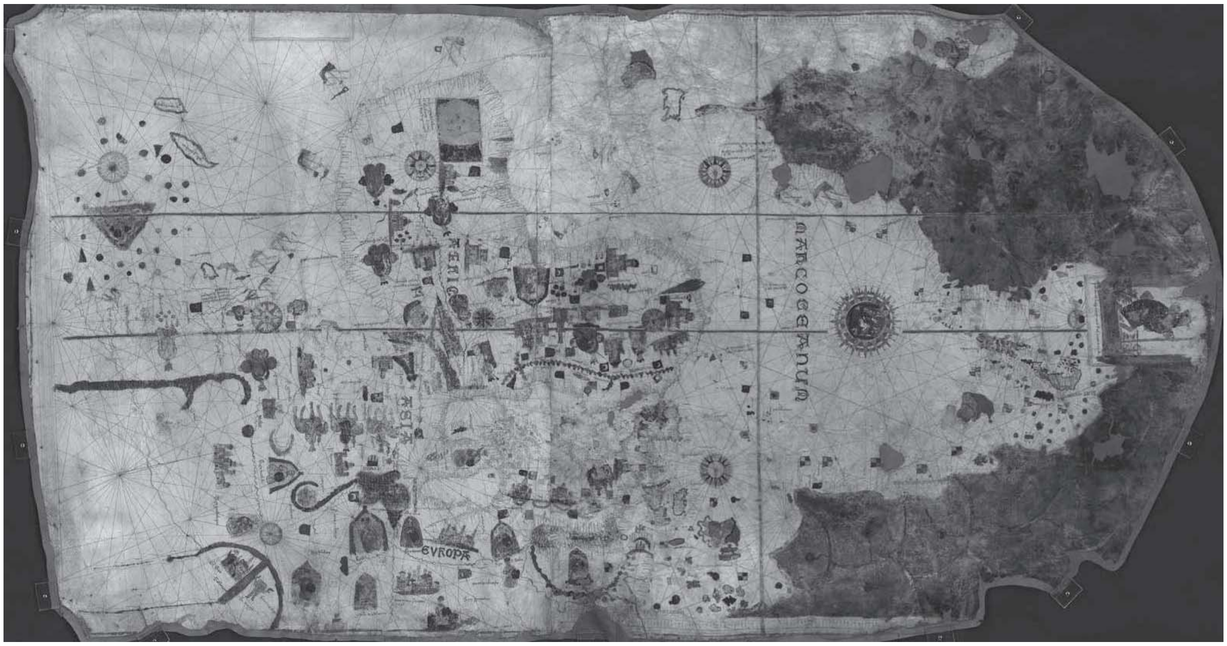
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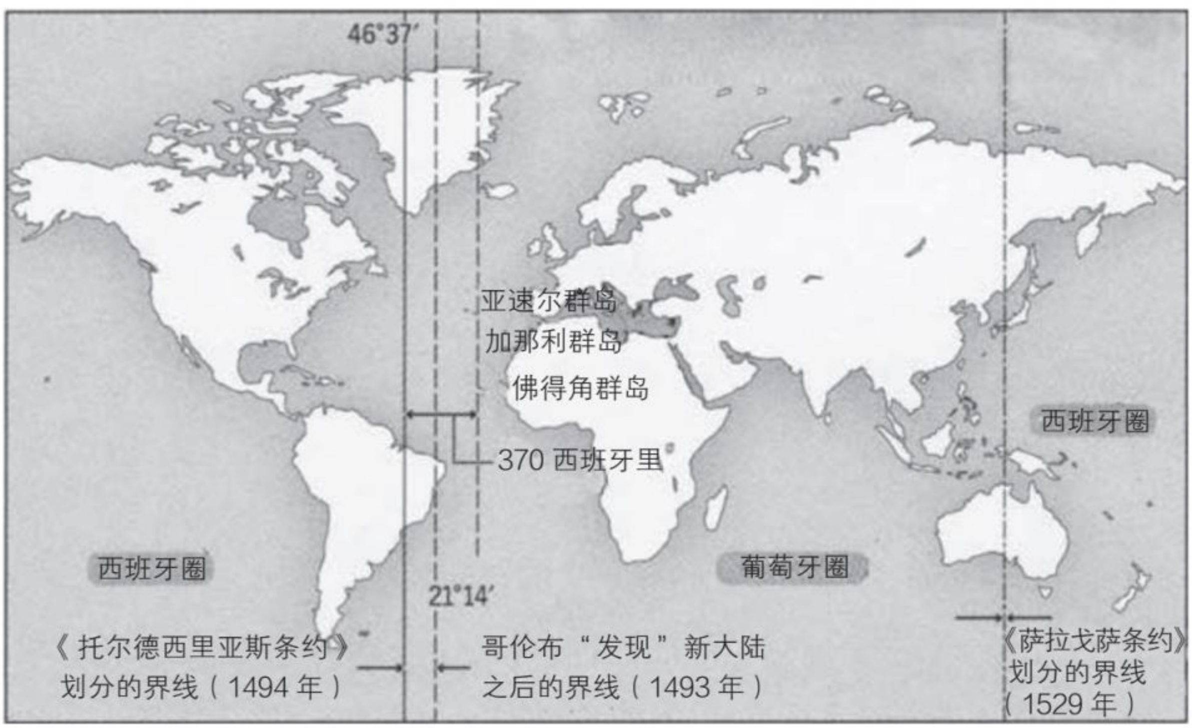
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加那利群岛
佛得角群岛
370 西班牙里
西班牙圈
西班牙圈
葡萄牙圈
21°14′
《托尔德西里亚斯条约》
划分的界线（1494 年）
哥伦布“发现”新大陆
之后的界线（1493 年）
《萨拉戈萨条约》
划分的界线
（1529 年）

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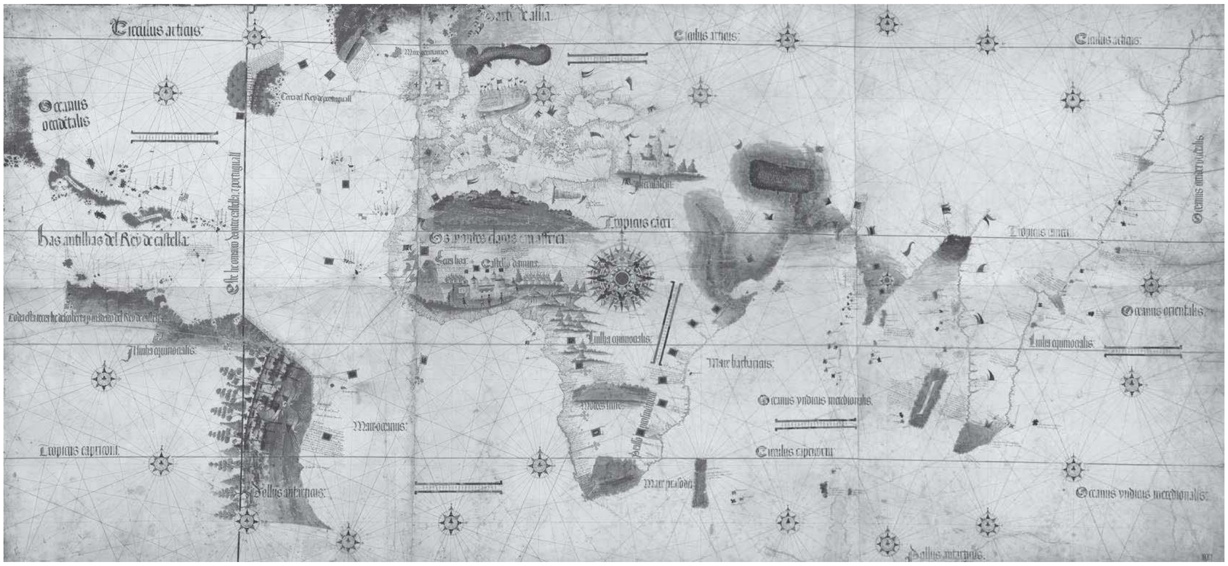
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[illegible]

17[illegible]——“[illegible]”[illegible]

[illegible]

1578[illegible]24[illegible]1557—1578[illegible]1556—1598[illegible]1580[illegible]“[illegible]”[illegible]1584[illegible]

[illegible]“[illegible]”[illegible]1579[illegible]

[illegible]80[illegible]1648[illegible]

[illegible]“[illegible]”[illegible]1648[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]1563—1611[illegible]1583[illegible]5[illegible]1592[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]·[illegible]·[illegible]1540—1599[illegible]1594[illegible]1596[illegible]4[illegible]249[illegible]

[illegible]6000[illegible]14[illegible]1597[illegible]249[illegible]89[illegible]“[illegible]”[illegible]

[illegible]1600[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

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1598□□□□□□·□□110□□□□□□24□□·□□□□□1556—1632□□□□□□□·□□□1564—1620□□

□□□1604□□□□□□□□□□□□□□□□□□□

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□□□□□□“40°□□□”

□□1602□□□□□□□□□□□□□□□□□□□□□VOC: Vereenigde Oost-

Indische Compagnie[illegible]

[illegible]1552—1622[illegible]

[illegible]

1619[illegible]1614[illegible]1794[illegible]180[illegible]3000[illegible]

[illegible]3.5%[illegible]1606[illegible]75%[illegible]6[illegible]4.6[illegible]

[illegible]1602[illegible]1696[illegible]20%[illegible]50%[illegible]1669[illegible]40[illegible]150[illegible]1[illegible]

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[illegible]

[illegible]16[illegible]17[illegible]“[illegible]”[illegible]

[illegible]·[illegible]1508—1555[illegible]·[illegible]1512—1594[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1647[illegible]1574—1649[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]

[illegible]17[illegible]

[illegible]

17[illegible]“[illegible]”[illegible]

[illegible]·[illegible]1632—1675[illegible]

[illegible]

[illegible]

[illegible]17[illegible]

[illegible]

[illegible]16[illegible]17[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

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[illegible]

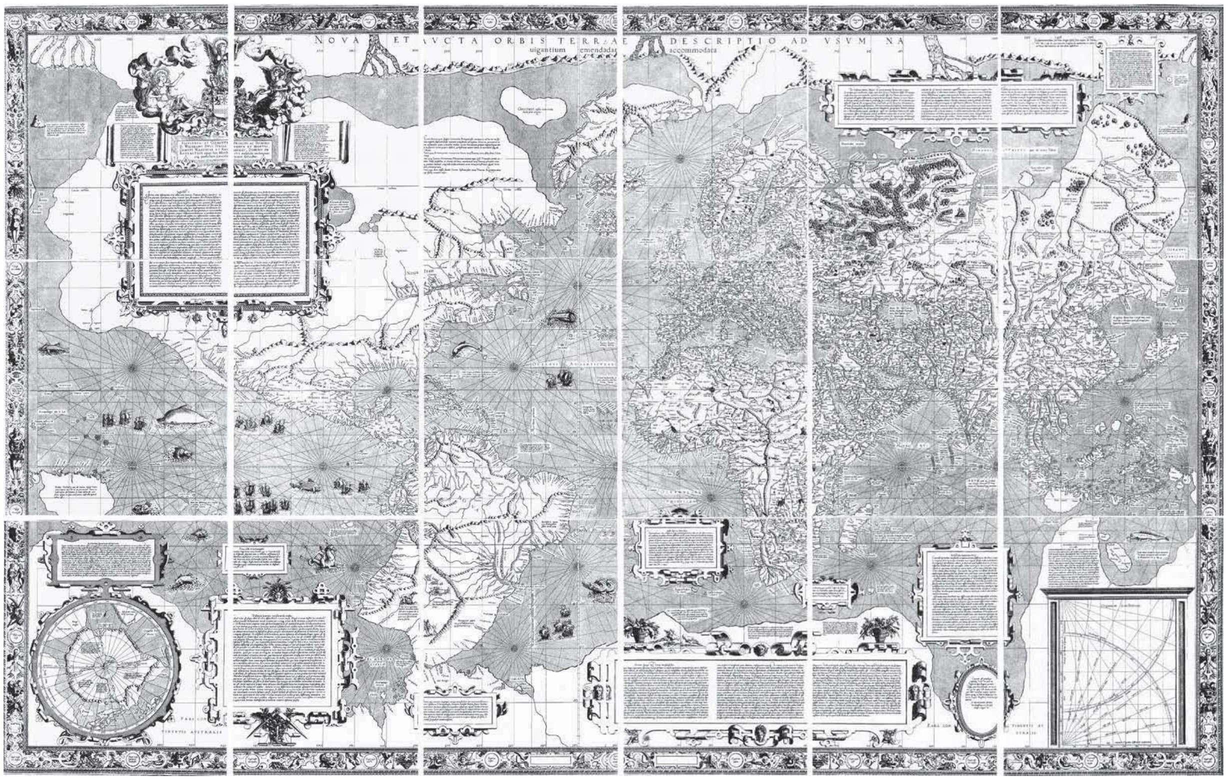
[illegible]1512[illegible]·[illegible]24[illegible]

[illegible]1517[illegible]1544[illegible]

[illegible]

1564[illegible]“[illegible]”[illegible]1569[illegible]18[illegible]1.3[illegible]2[illegible]32[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

“[illegible]”[illegible]1599[illegible]·[illegible]



1569[illegible]1.3[illegible]2[illegible]

[illegible]

[illegible]

[illegible]·[illegible]1527—1598[illegible]

[illegible]1547[illegible]

1560[illegible]

[illegible]

[illegible]1570[illegible]70[illegible]53[illegible]40[illegible]8[illegible]87[illegible]183[illegible]1400[illegible]“[illegible]”[illegible]

[illegible]1612[illegible]

[illegible]1590[illegible]1582—1590[illegible]20[illegible]

[illegible]1575[illegible]

[illegible]“[illegible]”

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]·[illegible]“[illegible]”[illegible]

[illegible]1589[illegible]“[illegible]”[illegible]Maris Pacifici[illegible]·[illegible]


MARIS PACIFICI,
(quod vulgò Mar del Zur)
cum regionibus circumiacentibus, insulisque in eodem passim sparsis, novissima descriptio.
SEPTEMTRRIO.
AMERICAE SEPTEM-TRIONALIOR PARS.
Quivira.
Noua Hispania.
MARIS ATLANTICI, SIVE MAR DEL NORT PARS.
Cuba
Spagnola
Caribana.
Quito.
AMERICAE MERIDIONALIOR PARS.
Peru.
Charcas.
Chili.
Patagones.
Archipelagus in sularum.
Mar del Nort.
Tierra del Fuego.
MARE PACIFI-CUM, QVOD VVLGO NOMINANT MAR DEL ZVR.
Circulus Aequinoctialis
Circulus Cancri
Circulus Capricorni.
Insula Salomonis.
Nova Guinea, quibusdam Terra de Piccinacoli.
Iapan ins.
Isla de Plata.
Islas de Lucois.
Philippinas.
CHINAE REGNI PARS.
ASIAE PARS ORIENT.
Tartariae limites.
Quinsay
Xanton
Cequi
Foquiem
Malucos
SPE ET METU.
GENIO ET INGENIO NOBILI DN. NICOLAO ROCCOXIO, PATRICIO ANTVERPIENSI, EIVSDEMQVE VRBIS SENATORI,
Abrahamus Ortelius Regiae Mtis geographus lub. merito dedicabat.
1589.
Prima ego velivolis ambivi cursibus Orbem, Magellane novo te duce ducta freto. Ambivi, meritoq; vocor VICTORIA: sunt mi Vela, alae, precium, gloria, pugna, mare.
TERRA AVSTRALIS, SIVE MAGELLANICA, NONDUM DETECTA.
Cum privilegiis Imp. & Reg. Maies tatum, nec non Cancellariae Brabantiae, ad decennium.
MERRIDIES.

[illegible]“[illegible]”[illegible]

“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]1543[illegible]1557[illegible]1571[illegible]1595[illegible]·[illegible]90°[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

1511[illegible]1543[illegible]

1548[illegible]·[illegible]注[illegible]

[illegible]“[illegible]”[illegible]

[illegible]35°[illegible]29°[illegible]

[illegible]1598—1621[illegible]·[illegible]1609[illegible]

[illegible]·[illegible]1548—1615[illegible]

1611[illegible]3[illegible]6[illegible]11[illegible]

[illegible]40°[illegible]·[illegible]12[illegible]2[illegible]·[illegible]“[illegible]”[illegible]

1612[illegible]500[illegible]·[illegible]·[illegible]1613[illegible]·[illegible]1574—1624[illegible]

[illegible]

[illegible]1643[illegible]·[illegible]（1589—1647[illegible]116[illegible]

[illegible]G.[illegible]1562[illegible]“[illegible]”[illegible]“[illegible]”[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1564[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]1650[illegible]

[illegible]

[illegible]

[illegible]20[illegible]1681—1741[illegible]

[illegible]17[illegible]1682—1725[illegible]

[illegible]

1723[illegible]

[illegible]1725—1730[illegible]1734—1743[illegible]1741[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”

“[illegible]”[illegible]

“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]52°[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1569[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]

[illegible]·[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]

1567[illegible]11[illegible]19[illegible]“[illegible]”[illegible]·[illegible]·[illegible]·[illegible]2[illegible]1[illegible]1595[illegible]400[illegible]1565—1615[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1605[illegible]12[illegible]21[illegible]1606[illegible]5[illegible]3[illegible]“[illegible]”[illegible]“[illegible]”[illegible]·[illegible]·[illegible]·[illegible]1565—[illegible]1613[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]



吕宋岛
马尼拉
关岛
所罗门群岛
太平洋
摩鹿加群岛
马绍尔群岛
加里曼丹岛
新几内亚岛
法图西瓦岛
吉尔伯特群岛
马克萨斯群岛
圣克鲁斯群岛
澳大利亚
新赫布里底群岛
梅达尼亚（1567—1569）
梅达尼亚与吉罗斯（1595—1596）
吉罗斯（1605—1606）

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]40°”[illegible]“[illegible]”[illegible]

1605[illegible]·[illegible]“[illegible]”[illegible]1615[illegible]·[illegible]·[illegible]·[illegible]

[illegible]·[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]·[illegible]1603—1659[illegible]1642[illegible]1644[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

1651[illegible]1599—1658[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]1652—1654[illegible]1665—1667[illegible]1672—1674[illegible]18[illegible]1663[illegible]1669[illegible]9.3[illegible]1700[illegible]1712[illegible]27.4[illegible]3[illegible]1774[illegible]79.8[illegible]3[illegible]

[illegible]

1. [illegible]——[illegible]

[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”

[illegible]17[illegible]18[illegible]“[illegible]”[illegible]

[illegible]1619—1683[illegible]1643—1715[illegible]1.2[illegible]1666[illegible]

[illegible]1669[illegible]·[illegible]1620—1682[illegible]11.4[illegible]110.46[illegible]6372[illegible]6357[illegible]·[illegible]1625—1712[illegible]1677—1756[illegible]

[illegible]1793[illegible]182[illegible]
1:86400[illegible]

[illegible]1791[illegible]“[illegible]”[illegible]1919[illegible]“[illegible]”[illegible]

[illegible]

18[illegible]

[illegible]

[illegible]“[illegible]”[illegible]Dutchman’s log[illegible]knot[illegible]“[illegible]”[illegible]hand log[illegible]“[illegible]”[illegible]knot[illegible]“[illegible]”[illegible]1852[illegible]

1675[illegible]

1707[illegible]2000[illegible]1°[illegible]1[illegible]40′[illegible]1.5[illegible]30′[illegible]2[illegible]2[illegible]10[illegible]5800[illegible]

[illegible]1693—1776[illegible]1735[illegible]25[illegible]4[illegible]1761[illegible]

[illegible]1773[illegible]2[illegible]3[illegible]83[illegible]

[illegible]·[illegible]1728—1779[illegible]“[illegible]”[illegible]Chronometer[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]18[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

17[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]16[illegible]17[illegible]“[illegible]”[illegible]

18[illegible]

[illegible]1600[illegible]400[illegible]500[illegible]17[illegible]2000[illegible]18[illegible]7000[illegible]

[illegible]“[illegible]”[illegible]

[illegible]18[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1750[illegible]1770[illegible]10[illegible]

[illegible]

[illegible]

[illegible]100[illegible]80[illegible]1645[illegible]“[illegible]”

18[illegible]“[illegible]”[illegible]

[illegible]

“[illegible]”[illegible]

“[illegible]”[illegible]18[illegible]60[illegible]

[illegible]1770[illegible]54%[illegible]44%[illegible]

17[illegible]“[illegible]”[illegible]

[illegible]1720[illegible]1722[illegible]

[illegible]“[illegible]”[illegible]60[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]·[illegible]

[illegible]

[illegible]18[illegible]“[illegible]”[illegible]“[illegible]”[illegible]·[illegible]1728—1779[illegible]

[illegible]·[illegible]1755—1763[illegible]60[illegible]5[illegible]

1766[illegible]1768[illegible]3[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

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[illegible]“[illegible]”[illegible]1772—1775[illegible]1773[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”

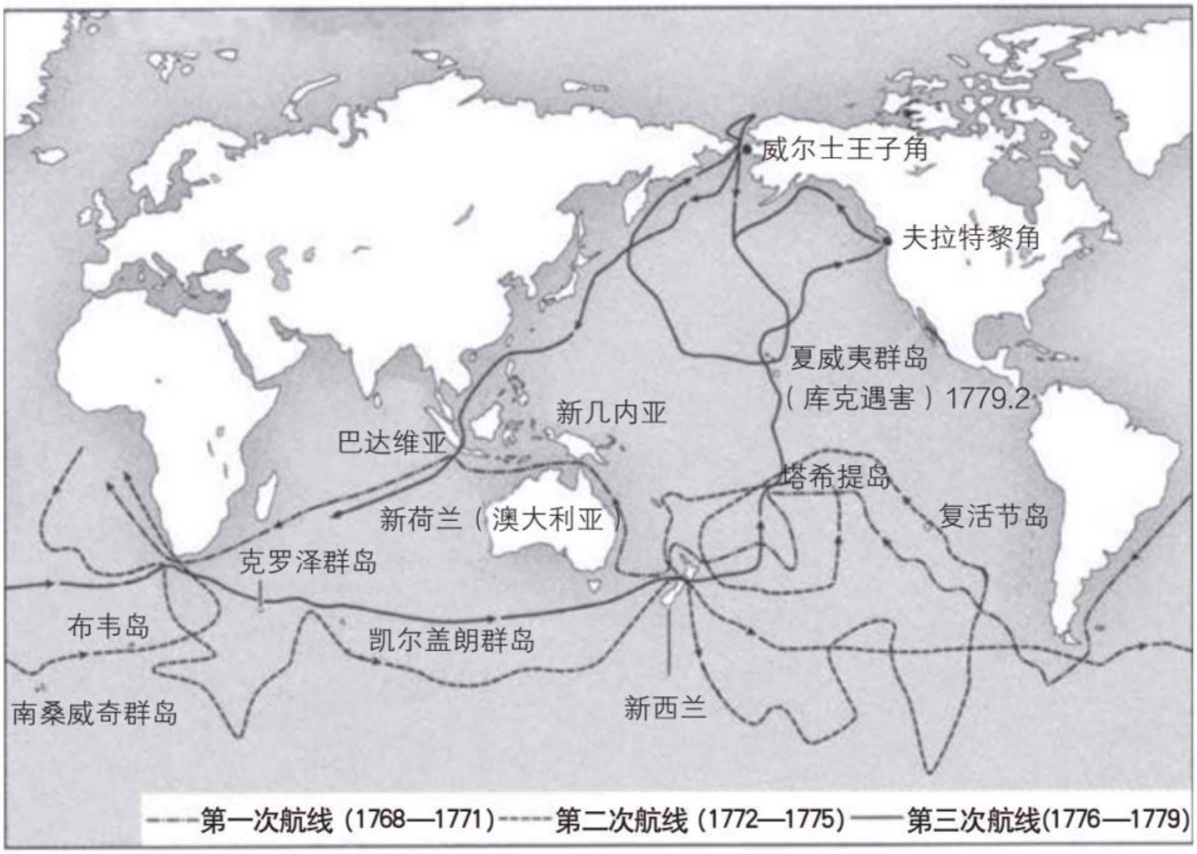
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[illegible]1539[illegible]·[illegible]·[illegible]

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[illegible]70°[illegible]

[illegible]·[illegible]1757—1798[illegible]1791[illegible]1795[illegible]“[illegible]”[illegible]



威尔士王子角
夫拉特黎角
夏威夷群岛
（库克遇害）1779.2
新几内亚
巴达维亚
塔希提岛
复活节岛
新荷兰（澳大利亚）
克罗泽群岛
布韦岛
凯尔盖朗群岛
南桑威奇群岛
新西兰
第一次航线（1768—1771）
第二次航线（1772—1775）
第三次航线(1776—1779)

[illegible]24[illegible]27[illegible]7[illegible]

[illegible]1814[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1824[illegible]

[illegible]

[illegible]“[illegible]”

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[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]1799[illegible]1840—1842[illegible]“[illegible]”[illegible]

[illegible]1792[illegible]54[illegible]1817[illegible]63[illegible]1836[illegible]104[illegible]1848[illegible]129[illegible]“[illegible]”[illegible]“[illegible]”[illegible]19[illegible]

[illegible]

18[illegible]

[illegible]18[illegible]·[illegible]

[illegible]1600[illegible]1754[illegible]1759[illegible]

[illegible]·[illegible]5[illegible]

1778[illegible]

[illegible]“[illegible]”[illegible]

1795[illegible]8[illegible]“[illegible]”[illegible]1795[illegible]

[illegible]500[illegible]Surveyor General of the Sea[illegible]

[illegible]·[illegible]·[illegible]1737—1808[illegible]1808[illegible]

[illegible]

1829[illegible]·[illegible]1774—1857[illegible]20[illegible]

[illegible]1774[illegible]14[illegible]1805[illegible]1806[illegible]1807[illegible]1810[illegible]

[illegible]55[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]1835[illegible]

[illegible]1834[illegible]1838[illegible]

[illegible]1853—1856[illegible]1855[illegible]81[illegible]1500[illegible]Admiralty Hydrographic Department[illegible]“[illegible]”[illegible]safe as an Admiralty Chart[illegible]

[illegible]

[illegible]·[illegible]1809—1882[illegible]

[illegible]1831[illegible]

[illegible]1836[illegible]5[illegible]

[illegible]1837[illegible]13[illegible]796[illegible]1846[illegible]7[illegible]19[illegible]1227[illegible]

19[illegible]10[illegible]1837—1901[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1862[illegible]14[illegible]75000[illegible]

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[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

19[illegible]“[illegible]”[illegible]1881[illegible]14[illegible]

[illegible]“[illegible]”[illegible]

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[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

1869[illegible]162[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]5300[illegible]1/3[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

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[illegible]2004.

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[illegible]2010.

[illegible]1984.

Azurara[illegible]Mosto.[illegible].[illegible].[illegible]1967.

Zeid A.[illegible]·[illegible].[illegible].[illegible]·[illegible]1976.

MacLean A.[illegible].[illegible].[illegible]1982.

Skeleton R. A.[illegible].[illegible].[illegible]1986.

[illegible]1995.

[illegible]2002.

[illegible]·[illegible]——[illegible]1992.

[illegible]1977.

[illegible]1945.

Khordadbehz I.□□□□□.□□□□.□□□□□1991.

Virga V.□□□□□□□.□□□□□□□□.□□□□□□□□□□□□□□□□□□.□□□□□2009.

Freiesleben H. C.□□□□□□.□□□□□□.□□□□□1983.

Taillemite E.□□□□□□.□□□□□□□.□□□□1993.

Pearson M. N.□□□□□□.□□□□□.□□□□□□□1984.

Abbott E.□□□□□.□□□□□□.□□□□□□□2011.

Columbus F.□□□□□□.□□□□□□.□□□□□□1992.

Pagani L.□□□□□□□□——□□□□□□□□.□□□□□□.□□□□□1978.

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Nebenzahl K.□□□□□□□□□□□□□□□□□2000□□□□.Phaidon□□2005.

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Columbus□Amerigo□Da·Gama□Balboa□Magallanes.□□□□.□□□□□1965.

□□□□□□□□□□□□□□□□□□□□1981.

[illegible]·[illegible]——[illegible]1993.

Shakespeare.[illegible].[illegible].[illegible]1939.

Koeman C.[illegible]——[illegible]·[illegible].[illegible].[illegible].[illegible]1997.

Cook J.[illegible]1.2.[illegible].[illegible]2004.

Hewson J. B.[illegible].[illegible].[illegible]2007.

Wilford J. N.[illegible].[illegible].[illegible]1988.

Barrow J. D.[illegible]——[illegible].[illegible].[illegible]1992.

[illegible]1995.

[illegible]·[illegible]1996.

[illegible]1943.

Fernandez -Armesto F.1492[illegible].[illegible].[illegible]2010.

[illegible]·[illegible]2009.

Sobel D.[illegible].[illegible].[illegible]1997.

McCullough D. G.[illegible]——[illegible].[illegible].[illegible]1986.

[illegible]2002.

Howse D.[illegible].[illegible].[illegible]2007.

[illegible]1989.

[illegible]1993.

[illegible]2000.

[illegible]1979.

Houtman，Neck.[illegible].[illegible].[illegible]1981.

[illegible]——[illegible]·[illegible]·[illegible]1982.

Curtin P.[illegible].[illegible].NTT[illegible]2002.

Ptolemaeus.[illegible].[illegible].[illegible]1986.

Penrose B.[illegible].[illegible].[illegible]1985.

Jourdin M. M.[illegible].[illegible].[illegible]1996.

[illegible]1979.

[illegible].NHK BOOKS，1989.

[illegible]1993.

Polo M.[illegible]·[illegible]1.2.[illegible].[illegible]1970-1971.

[illegible]1994.

[illegible]1997.

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Waxell.□□□□□□.□□□□□□.□□□□□1955.